

U.S. Marines crouch among wildflowers during the Ironfist training with Japanese Self-Defense Forces at Camp Pendleton, San Diego County



<b>Duty Officer</b>	
EDO	Grace Koch
CSWC Watch Officer	Grady Tunnell (Day) Janice Webb (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	David Stone
LDO	Mark Baldwin
IDO	Kim Nielsen
CDO	Roger Sigtermans
SDO	Sonia Brown
PIO	Brad Alexander
TDO	Jeff Howell
IT	Jerry Kincaid
EQTP	Sharon Blankenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

# National Terrorism Advisory System



Unclassified // FOUO
STAC 24 Hour Open Source Report

Report Attached



# **Cal OES Activation Status**

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

#### **Cal OES COASTAL REGION**

Single Locomotive Derailment, Benicia, Solano County, Hazardous Materials Spill Report #17-2334

On 03/23/17 at 1111 hours the California State Warning Center (CSWC) was notified by Union Pacific Railroad (UPRR) of a single locomotive that derailed in the industry track due to an unknown cause.

- · Re-railment operations were being conducted at the time of the report.
- There were no injuries, hazmat releases or evacuations.
- The CSWC made notifications per Hazmat SOP.
- See 2017 Statewide Winter Storms Slides

#### **Cal OES INLAND REGION**

See 2017 Statewide Winter Storms Slides

### **Cal OES SOUTHERN REGION**

See 2017 Statewide Winter Storms Slides

# **Oroville Dam Auxiliary Spillway Incident**

Per the DWR Flood Operations Center and California Data Exchange Center (CDEC) as of 03/23/17 at 1800 hours:

- Inflow: 33,964 cfs.
- Outflow: 45,039 cfs.
- The current lake elevation is 845.84 feet.

#### **Mission Tasking**

- 2017-SOC-33363: Road Repair (Butte County) On Scene.
- 2017-SOC-34379: Caltrans engineer to visually inspect and conduct Impact-Echo Testing on the gated concrete spillway floor – On Scene.



## **Cal OES INLAND (continued)**

#### **Declaration**

## **Presidential Emergency Declaration, FEMA-3381-EM**

• Federal emergency aid has been made available to the State of California to supplement State, tribal, and local response efforts due to the emergency conditions resulting from the potential failure of the emergency spillway at Lake Oroville Dam beginning on 02/07/17 and continuing.

#### **Proclamations**

• Governor Brown issued a Proclamation of a State of Emergency on 02/12/17 due to the Oroville Dam Auxiliary Spillway Failure.

#### Butte County

- On 02/17/17 the CSWC received a ratified proclamation from Butte County for the Oroville Spillway Incident requesting any State and Federal Assistance.
- On 02/13/17, the CSWC received a proclamation from Butte County due to the Oroville Dam Auxiliary Spillway Failure. There are no requests for state assistance at this time.

#### Glenn County

- On 03/03/17, the CSWC received a ratified proclamation from Glenn County requesting a Governors Proclamation, State and Federal Assistance due to the Oroville Dam Auxiliary Spillway Failure.
- On 02/17/17 the CSWC received a proclamation from Glenn County proclaiming a state of emergency due to the Oroville Dam Auxiliary Spillway Failure at this time there is no request for state assistance at this time.

#### Nevada County

• On 03/20/17 the CSWC received a signed resolution terminating the local emergency proclamation due to the 2017 February Oroville Auxiliary Spillway Failure Incident and Mandatory Evacuations.

#### Sutter County

- On 02/16/17, the CSWC received a proclamation from Sutter County due to the Oroville Dam Auxiliary Spillway Failure requesting Director's Concurrence, CDAA, and federal assistance.
- On 02/23/17, the CSWC received a proclamation from the City of Live Oak, Sutter County due to the Oroville Dam Auxiliary Spillway Failure incident. There are no requests for state assistance.

#### Yolo County

• On 02/15/17 the CSWC received a resolution from Yolo County for the 2017 February Oroville Auxiliary Dam Incident. The County is requesting a Directors Concurrence, Presidential Declaration, and CDAA.

#### Yuba County

 On 02/13/17, the CSWC received a proclamation from Yuba County due to the Oroville Dam Auxiliary Spillway Failure requesting Gubernatorial and Director's Concurrence.



## **2017 February Winter Storms**

## **Cal OES Coastal Region**

## **Pfeiffer Bridge Incident, Monterey County**

California Highway Patrol (CHP) and Caltrans had a hard closure on the Pfeiffer Bridge on HWY 1 at mile marker 45.52 (SB Sycamore Canyon and the Bridge) due to a crack in the bridge.

- Per the Cal OES Coastal Duty Officer (CDO) on 03/20/17:
  - Construction began at South of Paul's Slide and the demolition of Pfeiffer Canyon Bridge continued.
  - Residents south of Pfeiffer Canyon Bridge using Highway 1, had limited access on 03/20/17 to "re-supply", however, it was only an half hour window in the morning and evening.
  - Nacimiento-Ferugson Road might be open to the public within the coming days to provide an access point to the east.
  - It is possible that the roadway through Mud Creek would close to non-residents on 03/20/17.
  - The southern detour route was opened as of 03/13/17 but to local traffic only.

### **2017 February Winter Storm Proclamations**

• See Cal OES 2017 February Winter Storms Proclamations Slide.

## **2017 January Winter Storm Proclamations**

See Cal OES 2017 January Winter Storms Proclamations Slide.

Please see link for River Forecast Guidance - <a href="http://www.cnrfc.noaa.gov/">http://www.cnrfc.noaa.gov/</a>

#### **2017 February Winter Storms**

#### **Cal OES Inland Region**

#### **EOC Activations**

None at this time.

#### **Deployments**

· None at this time.

#### **2017 February Winter Storm Proclamations**

• See Cal OES 2017 February Winter Storms Proclamations Slide.

### **2017 January Winter Storm Proclamations**

See Cal OES 2017 January Winter Storms Proclamations Slide.

# River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Plumas County: Middle Fork Feather River at Portola
- · Colusa County: Sacramento River at Colusa Weir, Sacramento River at Colusa Bridge
- Sutter Counties: Sacramento River at Tisdale Weir, Feather River at Nicolaus
- · Sutter & Yolo Counties: Sacramento River at Fremont Weir
- · Yolo County: Yolo Bypass at Lisbon
- · Sacramento County: Cosumnes River at Michigan Bar, Mokelumne River at Benson's Ferry
- San Joaquin County: San Joaquin River at Vernalis
- Stanislaus County: Tuolumne River at Modesto, San Joaquin River at Patterson, San Joaquin River at Newman
- Merced County: Merced River at Stevinson

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

## **2017 February Winter Storms**

## **Cal OES Southern Region**

#### **2017 February Winter Storm Proclamations**

- On 03/20/17, a proclamation from the City of Los Angeles was received due to damages may potentially occur to the Los Angeles Aqueduct System due to more water than can be controlled from snow pack melt. The city is requesting assistance to mitigate, repair, and rebuild all facilities jeopardized.
- See Cal OES 2017 February Winter Storms Proclamations Slide.

## **2017 January Winter Storm Proclamations**

• See Cal OES 2017 January Winter Storms Proclamations Slide.



# **CAL OES RECOVERY**

## Presidential Declaration Storms - FEMA-4301-DR-CA & FEMA-4305-DR-CA

Preliminary Damage Assessments are complete for counties named under Presidential Declarations FEMA-4301-DR-CA and FEMA-4305-DR-CA: Humboldt, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, Yuba

The following is a schedule of Applicants' Briefings hosted by Cal OES Recovery

Date and Time	Application Deadline	Location	Description
03/23/17, 1300-1600 hours	04/11/17	Shasta County Board of Supervisors Chambers 1450 Court Street Redding, Shasta County	Applicants' Briefing
03/24/17, 0900-1200 hours	04/11/17	Cal OES Headquarters 3650 Schriever Avenue, MPR 1&2 Mather, Sacramento County	WEBINAR Info: https://primetime.bluejeans.com/a 2m/live-event/yy25585
03/27/17, 1300-1600 hours	04/11/17	Paso Robles Emergency Operations Center 900 Park Street Paso Robles, San Luis Obispo County	San Luis Obispo County Applicants' Briefing
03/29/17, 0930-1200 hours	04/11/17	Rosemead Community Recreation Center 3936 Muscatel Avenue Rosemead, Los Angeles County	Los Angeles County Applicants' Briefing
04/04/17, 1300-1600 hours	04/11/17	San Diego County Emergency Operations Center 5580 Overland Avenue, Suite 100 San Diego, San Diego County	San Diego County Applicants' Briefing
04/05/17, 1300-1600 hours	04/11/17	Beaumont Civic Center 550 E. 6th Street Beaumont, Riverside County	Riverside County Applicants' Briefing

# Cal OES 2017 February Winter Storms Proclamations

## Governor Brown Requests Presidential Major Disaster Declaration Due to February Storms, Damage to Oroville Dam Spillway

- On 03/19/17, Governor Edmund G. Brown Jr. requested a Presidential Major Disaster Declaration to aid with repairs to the damaged Oroville Dam spillway and to bolster state and local recovery efforts following February storms that caused major flooding, levee breeches, the evacuation of residents, power outages and extensive damage to roads and bridges across California.
  - The full Gubernatorial Proclamation can be found here
  - The proclamation adding Contra Costa and Solano Counties to the emergency Proclamation can be found here
  - The full request for a major declaration can be found here

#### **U.S. Small Business Administration Disaster Declaration**

On 03/20/17, the U.S. Small Business Administration approved a disaster declaration for the following counties: Colusa, Lake, Lassen, Plumas, Santa Clara, Santa Cruz, Alameda, Butte, Glenn, Mendocino, Merced, Modoc, Monterey, Napa, San Benito, San Joaquin, San Mateo, Shasta, Sierra, Sonoma, Stanislaus, Sutter, Tehama, Yolo, Yuba

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 February Winter Storms:

## **Proclamations for Coastal Region:**

Counties: Alameda County, Contra Costa County, Del Norte County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, Santa Clara County, San Mateo County, Santa Cruz County, Solano County, Sonoma County

Towns/Cities: City of San Jose, City of Cloverdale

#### **Proclamations for Inland Region:**

Counties: Alpine County, Amador County, Colusa County, El Dorado County, Fresno County, Glenn County, Kings County, Lassen County, Mariposa County, Merced County, Modoc County, Nevada County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Stanislaus County, Sutter County, Tehama County, Trinity County, Tuolumne County, Yolo County, Yuba County

Towns/Cities: City of Placerville, Town of Truckee, City of Loyalton, City of Jackson, City of Portola

## **Proclamations for Southern Region:**

Counties: San Diego County, Santa Barbara County

Towns/Cities: City of Duarte, City Chula Vista, Town of Mammoth Lakes, City of San Diego



# Cal OES 2017 January Winter Storms Proclamations

## Presidential Major Disaster Declaration: FEMA-4305-DR-CA

- On 03/16/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/18/17 to 01/23/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in El Dorado, Kern, Los Angeles, Mendocino, Napa, Orange, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Trinity, Tuolumne, and Yolo counties.

# Presidential Major Disaster Declaration: FEMA-4301-DR-CA

- On 02/14/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/03/17 to 01/12/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Humboldt, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, and Yuba counties.

#### Governor Brown Requests Presidential Major Disaster Declaration Due to January Storms

- Governor Edmund G. Brown Jr. today requested a Presidential Major Disaster Declaration to bolster state and local recovery efforts following late January storms that caused major flooding, mudslides, power outages and damage to critical infrastructure across California.
  - Full request can be found here
- Governor Brown today also issued two emergency proclamations due to storms in late January and February for the counties of Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Ventura, Yolo, Yuba, Contra Costa, Orange, Riverside, San Francisco and Solano which direct Caltrans to formally request immediate assistance through the Federal Highway Administration's Emergency Relief Program. The proclamations also direct the Office of Emergency Services to provide assistance to specified counties as a result of the late January storms. Damage assessments for the February storms and for the damaged spillway at Oroville Dam are ongoing.
  - The Emergency Proclamations can be found <u>here</u> and <u>here</u>



# Cal OES 2017 January Winter Storms Proclamations

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 January Statewide Winter Storms.

# **Proclamations for Coastal Region:**

- Counties: Alameda County, Contra Costa County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, San Benito County, San Mateo County, Santa Clara County, Santa Cruz County, Solano County, Sonoma County
- · Cities: City of Benicia, City of Gilroy, City of Martinez, City of Oakland, City of Orinda, City of Point Arena
- · Tribes: Hoopa Valley Indian Reservation
- Special District: Hidden Valley Lake Community Services District, Lake County

#### **Proclamations for Inland Region:**

- Counties: Alpine County, Amador County, Butte County, Calaveras County, El Dorado County, Kern County, Lassen County, Merced County, Nevada County, Placer County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Sutter County, Trinity County, Tuolumne County, Yolo County, Yuba County
- Cities: City of Grass Valley, City of Loyalton, City of Nevada City, City of Placerville, City of Portola, City of South Lake Tahoe, Town of Truckee
- Special Districts: Reclamation District 900, Washington Water District

#### **Proclamations for Southern Region:**

- Counties: Inyo County, Los Angeles County, Mono County, Orange County, Riverside County, San Diego County, San Luis Obispo County, Santa Barbara County, San Bernardino County
- Cities: City of Duarte, City of Diamond Bar, City of Chula Vista, City of National City, City of Poway, City of Pismo Beach, Town of Mammoth Lakes



# **FIRE ACTIVITY**

Cal OES Fire Preparedness Levels			
National	Northern California Southern California		
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2	
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2	

• Nothing Significant to Report

# MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

#### **Lifeline Routes:**

· There are no Lifeline Route Closures at this time.

#### **Non-Lifeline Routes:**

• Please check highway conditions via the Caltrans logo below.

#### Wildfire Closures:

There are no Wildfire Closures at this time.

## **Emergency Center Activations:**

• There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype) http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr





# California 911 System

	CA 911 Outages	
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

#### **Service Interruptions:**

## 911 Outage, Olinda, Orange County (New/Final)

On 03/23/17 the California State Warning Center (CSWC) was notified by CA 9-1-1 Branch of an internet outage occurring in Olinda, Orange County. Happy Valley Telephone Company has advised this is an internet outage that only affects VoIP customers, rendering them unable to reach 9-1-1.

- Per AT&T there was a fiber issue between AT&T and Happy Valley Telephone Company impacting up to 2,331 customers.
- As of 1330 hours, the outage was resolved and all VoIP customers are now able to reach 9-1-1.

#### Remote/Community Isolations:

· None reported

# **WEATHER OF CONCERN**

## **Weather of Concern**

• A Pacific storm system expected to move through Northern and Central California tonight through early in the weekend bringing a moderately strong storm system

# **Active Weather Warnings, Watches and Advisories by County:**

http://www.wrh.noaa.gov/sto/brief/wwa bc cal.php - Temporarily unavailable. NWS is in the process of repairing the page.

# **WEATHER SYNOPSIS BY REGION**

#### **NORTHERN CALIFORNIA**

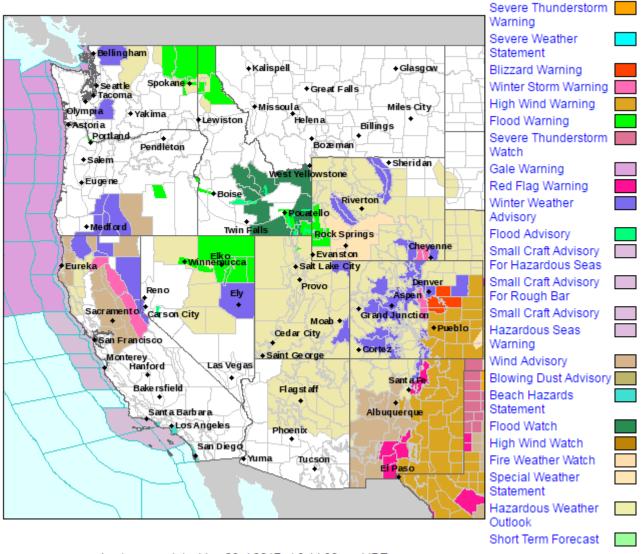
An unsettled weather pattern will continue well into next week. A few more weather systems are expected to move through Northern California before a bit longer dry spell returns later next week. The next weather system is already approaching the coast and will move ashore later today and spread precipitation inland tonight and Friday. Periods of light precipitation will continue Friday night through Sunday morning for many areas, then another wet system will move ashore later Sunday and linger Sunday night with more widespread precipitation again over the region. Mostly mountain showers are expected Monday and Monday night followed by dry weather Tuesday. Wednesday also looks dry in most areas outside of the far northern portion of the region where some showers may occur. Snow levels will drop to around 4000 ft in the NW to 5000-6000 ft across the Sierra at times Friday through the weekend. Some areas will see moderately strong, gusty southerly winds tonight and Friday as well, with those winds likely to develop again Sunday. Moderately strong, gusty north winds may develop overnight Monday and continue Tuesday throughout the region.

#### **SOUTHERN CALIFORNIA**

Mostly sunny and warmer conditions are expected today as high pressure briefly makes a return to the area. Some gusty north and northwest winds of 20-30 mph will continue through the morning hours in the Kern County Mountains, the I-5 Corridor and adjacent areas of the desert. These winds will slowly decrease this afternoon. Some cumulus clouds may develop near the Sierras, but no additional rainfall will occur today. However, another system will reach the area Friday, slowly bringing a band of rain into the area through Saturday. The storm will first reach the Central coast and Sierras from Fresno County northward Friday afternoon before turning toward Southern California early Saturday. This second system does not have as much cold air associated with it and precipitation amounts will be substantially less than occurred earlier this week. In all, 1-2" of rain is expected in the Sierras and Central coast, 0.50 – 1.00" over Ventura and Santa Barbara with 0.10 – 0.25" from Los Angeles County south and eastward through Saturday. The snow level will generally be around 6,000' with most accumulations remaining north of Yosemite N.P. The storm will depart the region by Sunday. Temperatures will be cool this weekend with highs in the 40s in the mountains to the 60s at lower elevations. Another storm may bring additional light rainfall Sunday night into Monday. By the middle of next week, a low pressure area may burrow into the Southwest, resulting in light offshore flow and warmer temperatures.



# **WEATHER MAP**



Last map update: Mar, 23rd 2017 at 6:44:32 pm MDT

# **Cal OES LAW ENFORCEMENT MISSIONS**

#### **Ongoing Cal OES Law Missions:**

• 2017-LAW-34695, 03/14/2017, 1215 hours, Sacramento County Sheriff's Department (SCSD) is requesting resources for Sacramento Police Department (SPD) to assist in locating the remains of a cold case homicide. SCSD is requesting two cadaver search dog teams. El Dorado County Sheriff's Department is responding with the requested resources. This search will take place on Thursday, 03/16/17 at 0800 hours. Update: 03/15/17, 1000 hours, SCSD advised that they are postponing this search till 3/24/17 at 0800 hours, due to tactical considerations. Mission Ongoing.

# **Cal OES MISSIONS**

## **Cal OES Missions**

- 2017-Southern-29577: Cal OES Telecommunications will be providing a Mobile Interoperability Gateway Unit (MIGU) and 2-3 operators to support race communications coordination and management at the 2017 Baker to Vegas run, San Bernardino County.
- 2016-IREOC-21748: Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing**
- 2015-IREOC-19846: One RAWS weather station to Amador OA On scene 11/30/15, expected to be left in place until May 2017. Mission Ongoing

# Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

## **Current Local Emergency Proclamations:**

A total of **55** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 22 Counties: Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, and Tuolumne.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County) City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolomne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



# **Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.